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Subject: East Fork Box Canyon Monitoring 11/17 & 19/03

The East Fork of Box Canyon was monitored on 11/17/03 for both flow and subsidence cracks and on 11/19/03 for subsidence cracks. (See attached excel spread sheet, map of area, and pictures included in second email)

The area was covered with 3-4" of snow from the recent snow storms. All stream monitoring sites were covered with snow and ice.

No subsidence cracks were observed in the stream channel on the 11/17/03 inspection. The roof of both shelters sheared into a dome shape under compression after the longwall passed under the shelter. (See Subsidence caving profile drawing dated 11-18-03)

During the 11/19/03 inspection the upper shelter roof had caved off onto the shelter floor and now rock covers the whole floor of the shelter. The floor of the shelter is still holding at this point. The lower overhang roof has also caved off more. Only one subsidence crack was found and it was located on the slope above the stream on the East side of the canyon. No cracks were found in the stream channel but a lot of it is covered with snow and ice. No new cracks were observed along the sandstone outcrop above the stream channel.

Mike

<<East Fork Sites.xls>> <<3LPE WEEKLY MONITORING PDF 11-24-03.pdf>>
<<ElusivePeacockCAVEPROF 11-18-03 .pdf>>